

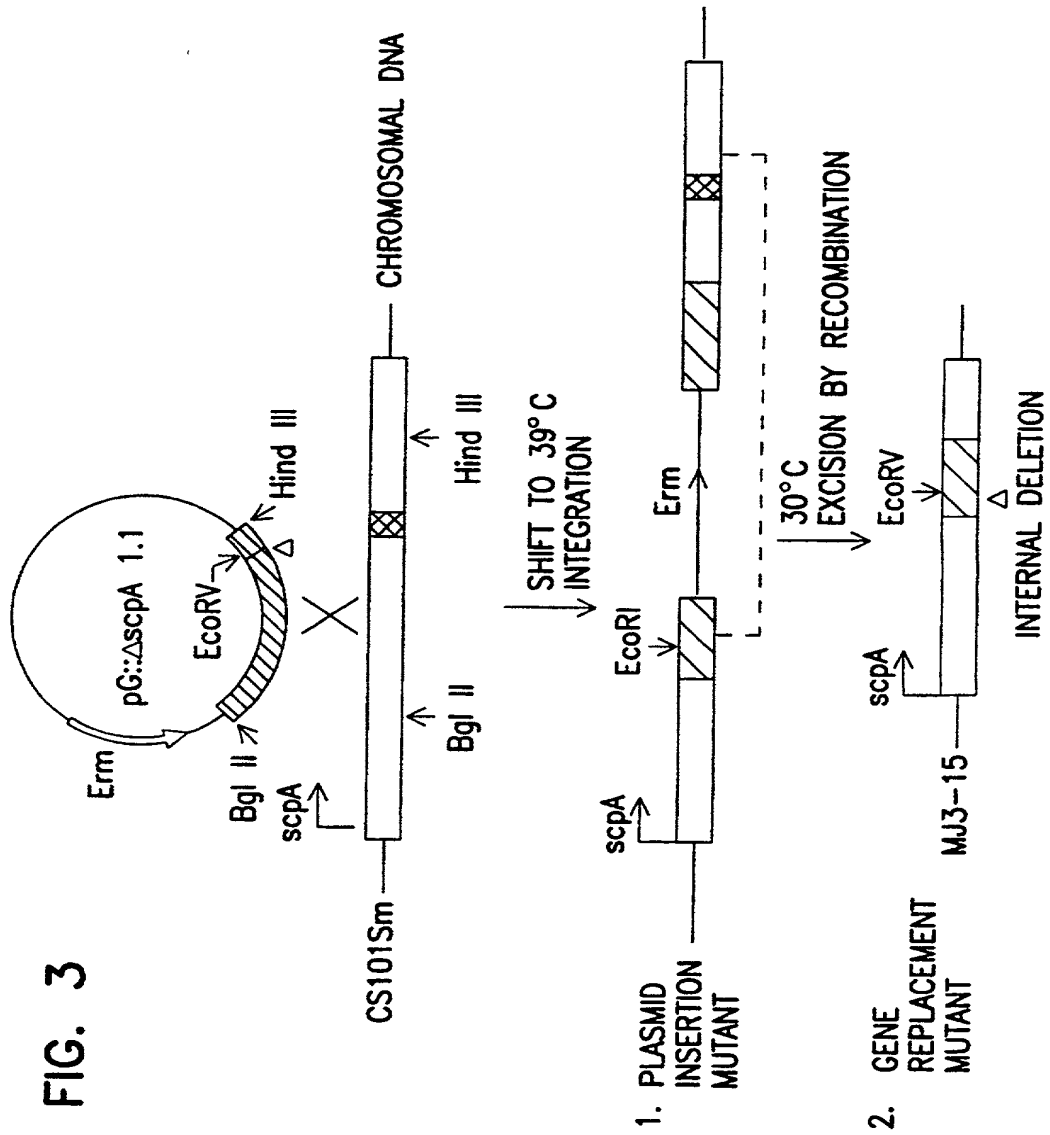
FIG. 1

1
 SCPA49 LRRKQKLPFDKLAIALMSTSILLNAQSDIKANTVTEDTPATEQAVEIPQPTTVSEVPSS
 SCPA12 -----V-----A-----
 SCPB -----T-----A-----A-----
 61
 KETKTPQTPDDAETVADDANDLAPQAPAKTPDTSATSKATIRDNDPSQVKTLOEKAGK
 -----I-----A-P-----
 -----S-G-----A-P-----
 121 *
 GAGTVVAVIDAGFDKNHEAWRLTDKAKARYQSKEDLEKAKKEHGITYGEWVNDKVAYYHD
 -----T-----
 -----T-----
 181 *
 YSKDGKTAVDQEHGTHVSGILSGNAPSETKEPYRLEGAMPEAQLLLHRVEIVNGLADYAR

 241
 NYAQAIRDAVNIGAKVINMSFGNAALAYANLPDETKKPFVYAKSKGVRIVTTAGNDSSFG
 -----A-D-----S-S-----
 -----I-----A-D-----S-S-----
 301
 GKTRLPLADHPDYGVTGTPAAADSTLTVASYSFDNQLTETAMVKTDQDQDKEMPVLSTNR
 -----K-----
 -----K-----VR-----A-----
 361
 FEPNKAYDYAYANRGHKEDDFKDVKGKIALIERSDIDFIDKIANAKKAGAVGVLIYDNQD
 -----G-----K-V-----
 -----T-----G-----K-----K-----
 421
 KGFPPIELPNVDQHPAAFISRKDGLLLKDNSQKTITFNATPKVLEPTASGTLKLSRFSSWGLT
 -----P-----
 -----P-----
 481 *
 ADGNIKPDIAAPGQDILSSAANNKYAKLSGTSHSAPLVAVIMGLIQKQYETQYPMQTQSE
 -----V-----G-----P-----
 -----V-----G-----P-----
 541
 RLDLAKKVLMSATYDEDEKAYFSPRQQGAGAVDAKKASEATHYVIDKDNISSKVHLN
 -----A-----
 -----A-----
 601
 NVSDKFEVIVIVHNKSDKPHELYYQATVQIDKVDGKHFALAPKALIETSWQKITIPANSS
 -----Q-----V-Y-A-----
 -----N-----Q-----V-Y-A-----
 661
 KQVTIPIDISQFSKDLAQMKNGYFLEGFVRIKQDPIKEELHSIPYIGFRGDFGNLSALE
 -----V-A-R-----F-----V-----
 -----V-A-R-----F-----K-----
 721
 KPLYDSKDGSSYYHEEISDAKDQLDGDGLQFYALKNDFTALTTESNPNTIINVVKEGVEN
 -----I-----AN-----N-----KA-----
 -----I-----AN-----N-----KA-----
 781
 IEDIESSEITETIFAGTFAKQDDDRHYIHRHANGKPYAAISPNGDGNRDYVQFHGTFLR
 -----S-----E-----Q-----
 -----L-----S-----Q-----
 841
 NAKNLVAEVLKKEGNNVVKISEVIEQVVKYNNNDLASTLGSTRFEISRHDGKDKDAKVAN
 -----KT-----G-----
 -----KT-----G-----
 901
 GTYTYRVRYTPISSGAKEQHTDFDVIVDNTTPEVATSATFSIEDRRLTLASKPQISQPVY
 -----K-----
 -----K-----
 961
 RERIAITYMDEDLPTIEYISPNEGDTFTLPEEAETMEGATVPLKMSDFIYVVEDMAGNIT
 -----T-----
 1021
 YTPVIKLEGHSNKPEQDGSQAPDKKPKETKPEQDGSQAPDKKPKETKPGODGSGQTPDK
 -----G-T-----A-----A-E-----
 -----A-E-----
 1081
 KPETKPEKDSSGQTPGKTPQKGQPSRTLEKRSKRALATKASTRDQLPTINDKOTNRLHL
 -----T-----
 1141
 LKLVMTTFFLGLVAHIFKTKR...TED
 -----F-----QKE-KK
 -----QKE-KK

FIG. 2

FIG. 3



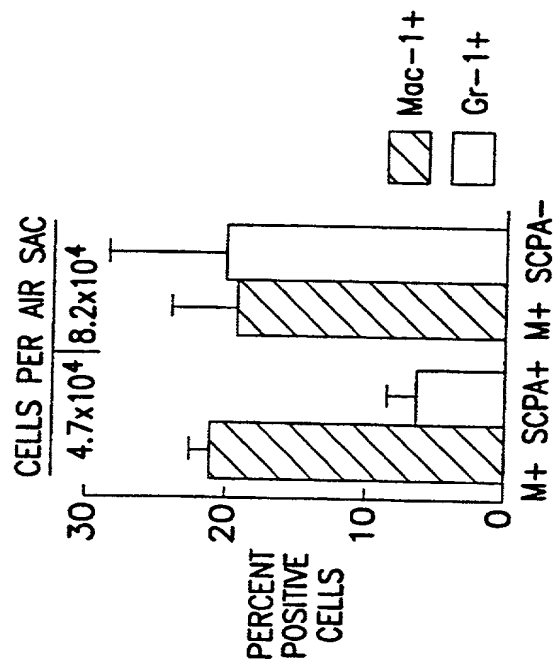
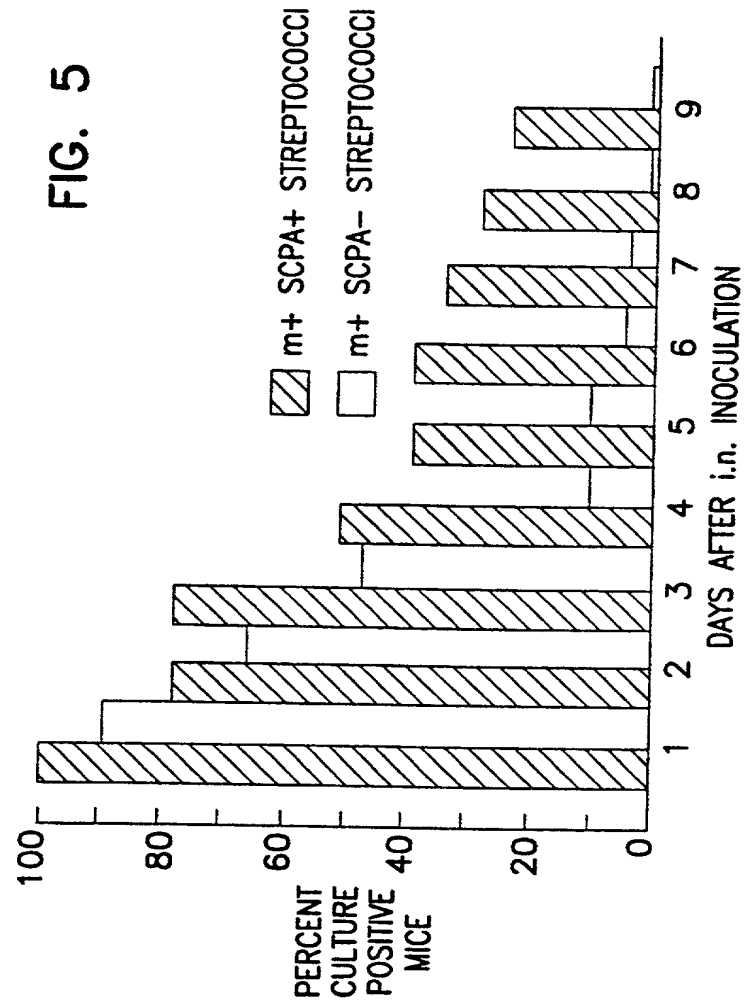


FIG. 4



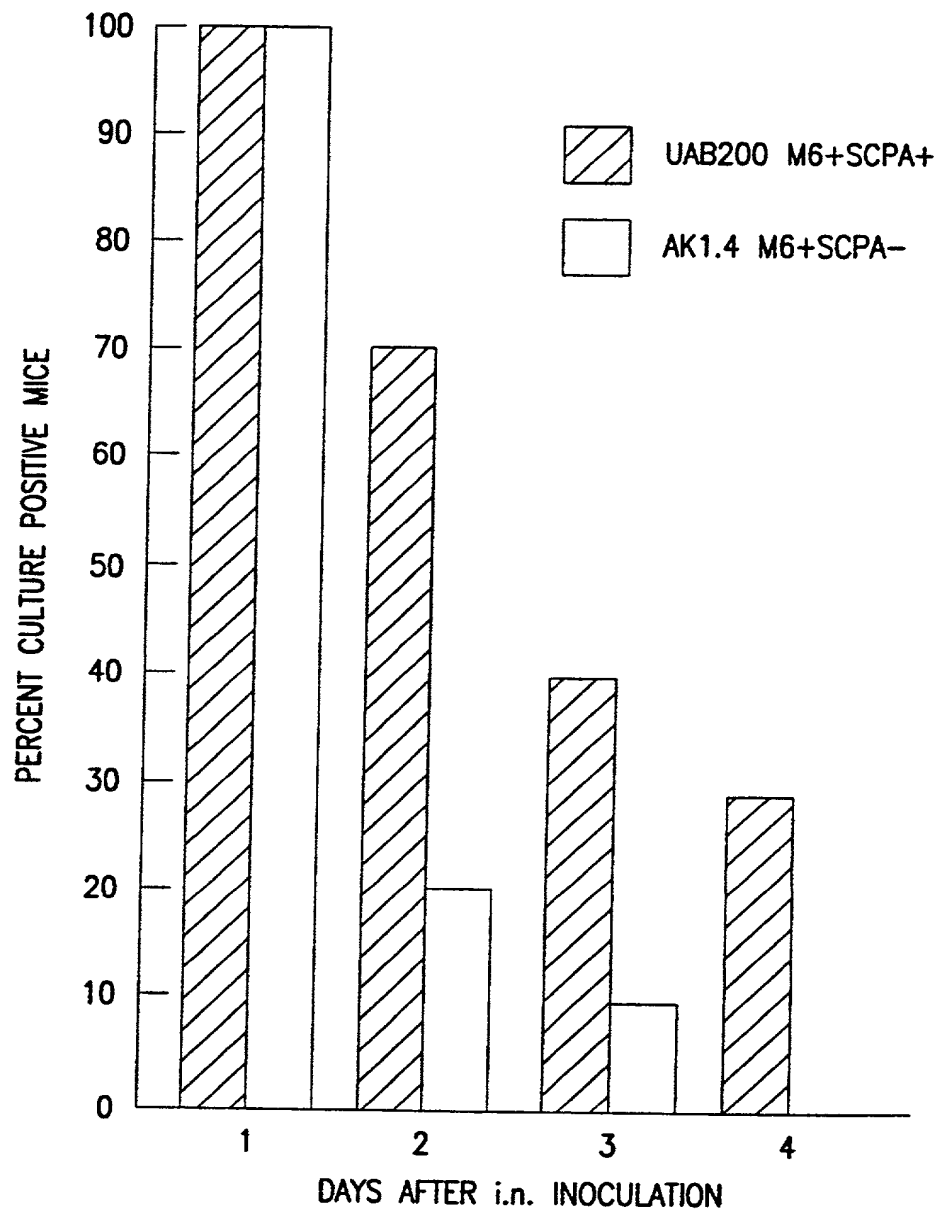


FIG. 6

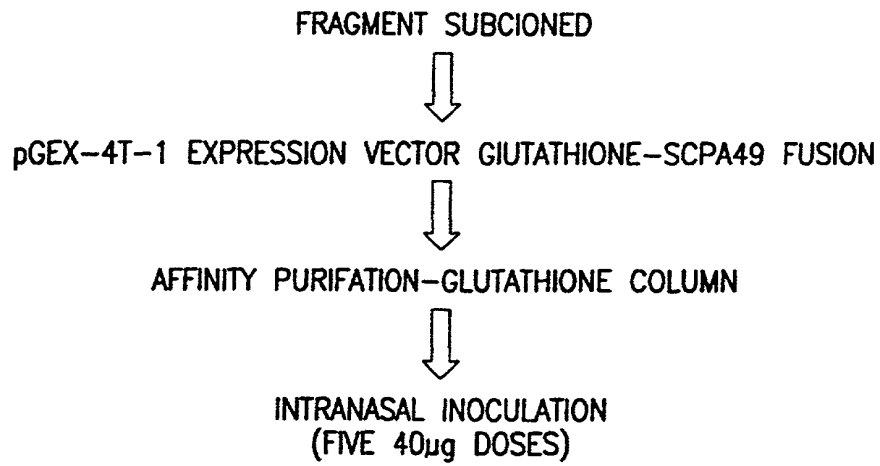
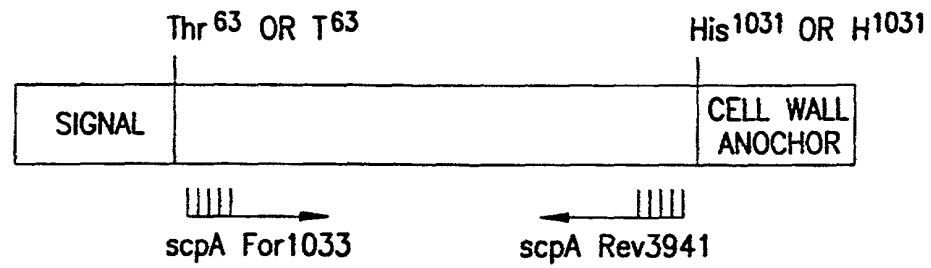


FIG. 7

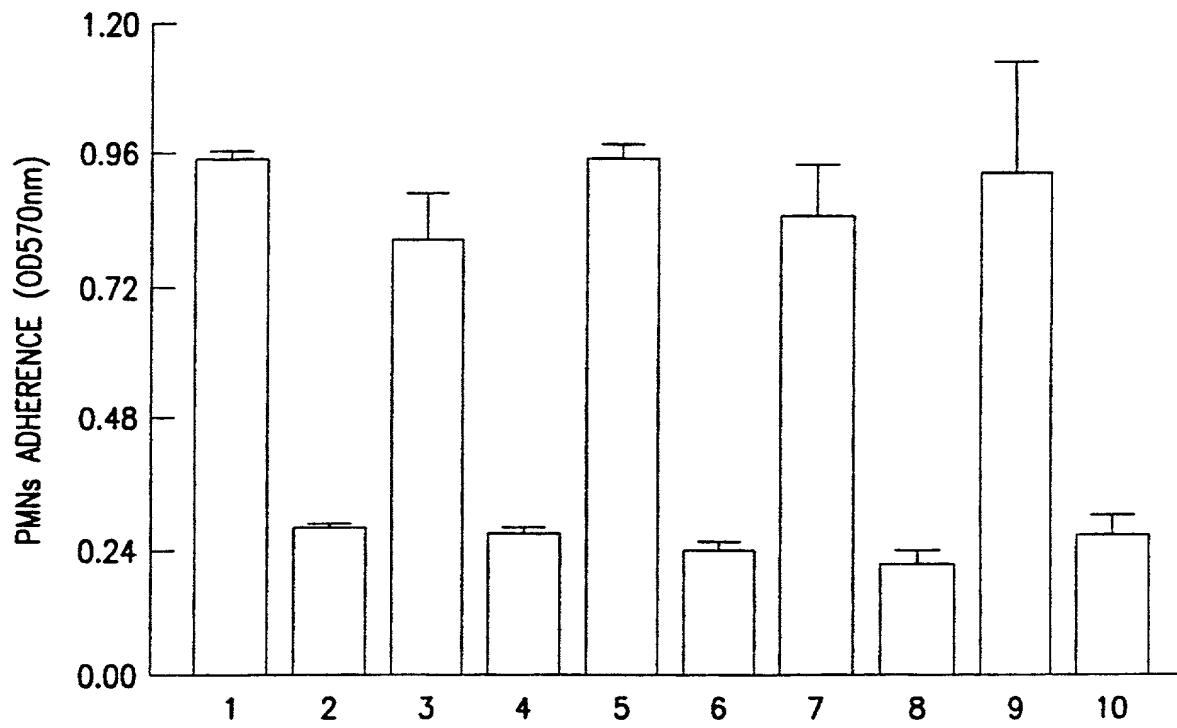


FIG. 8

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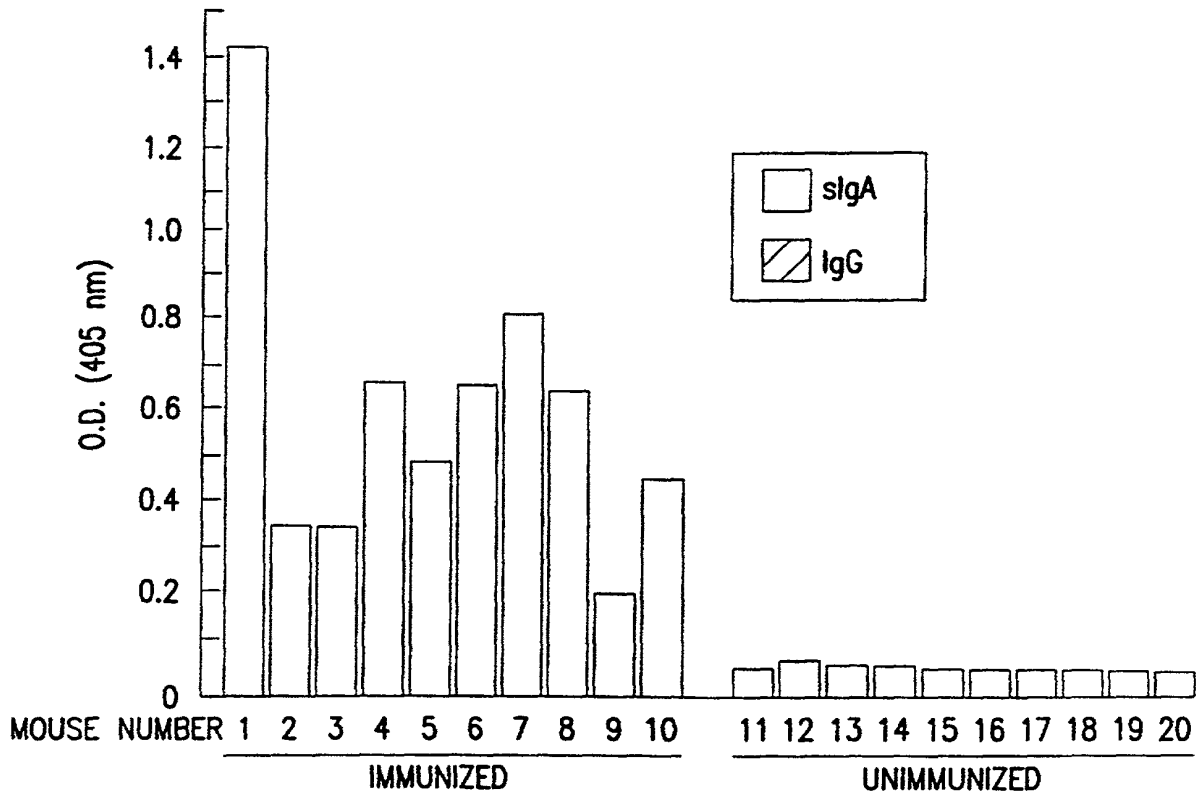


FIG. 9A

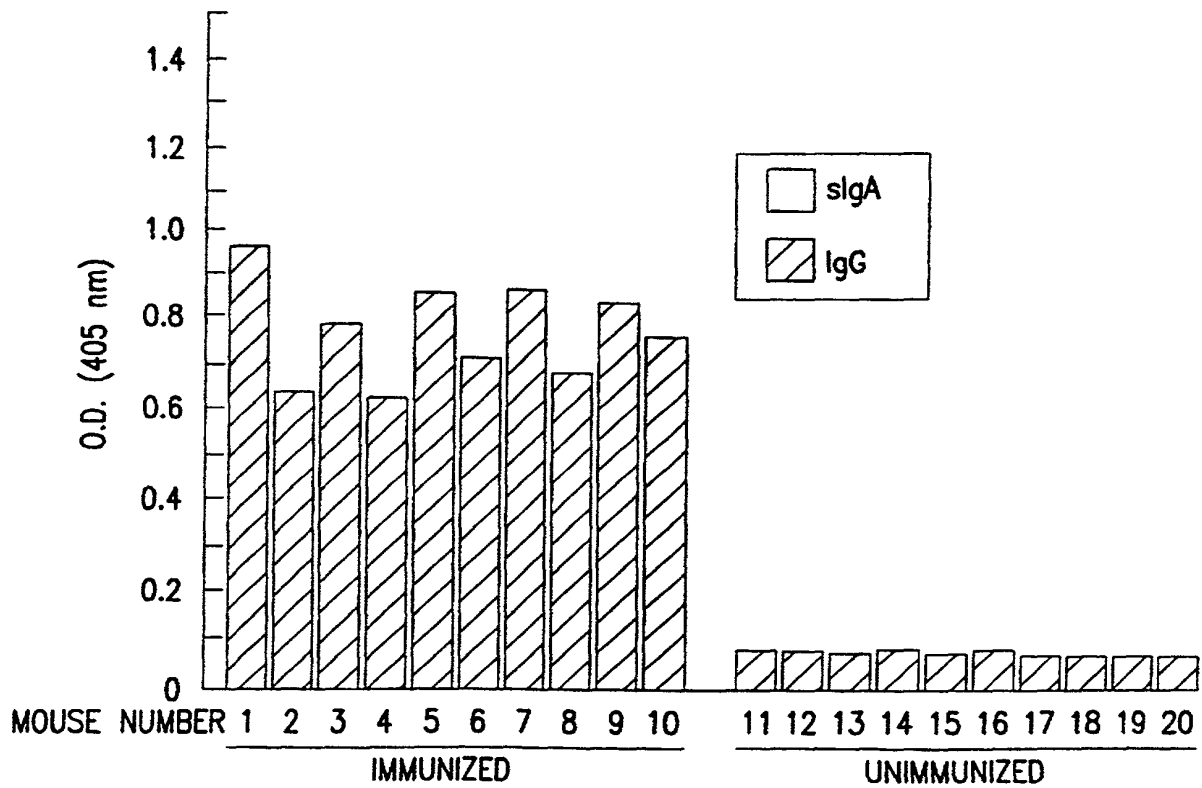


FIG. 9B

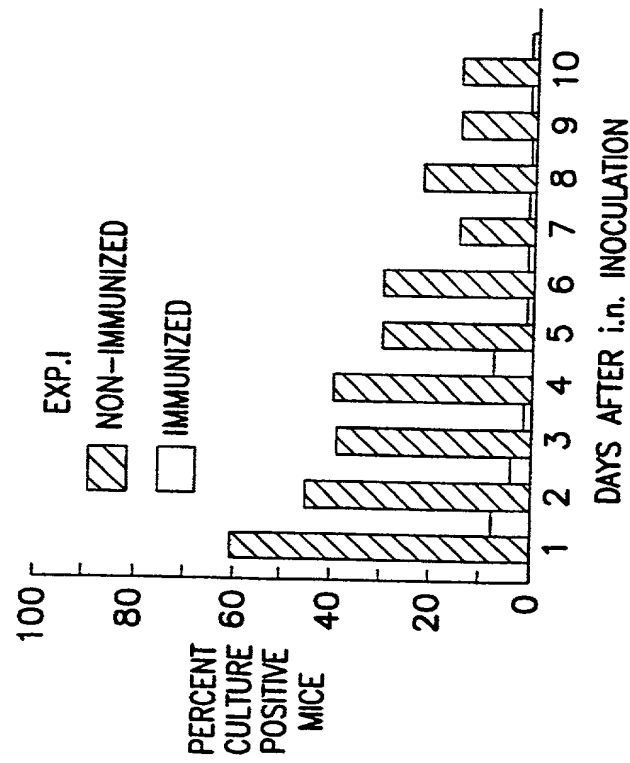


FIG. 10A

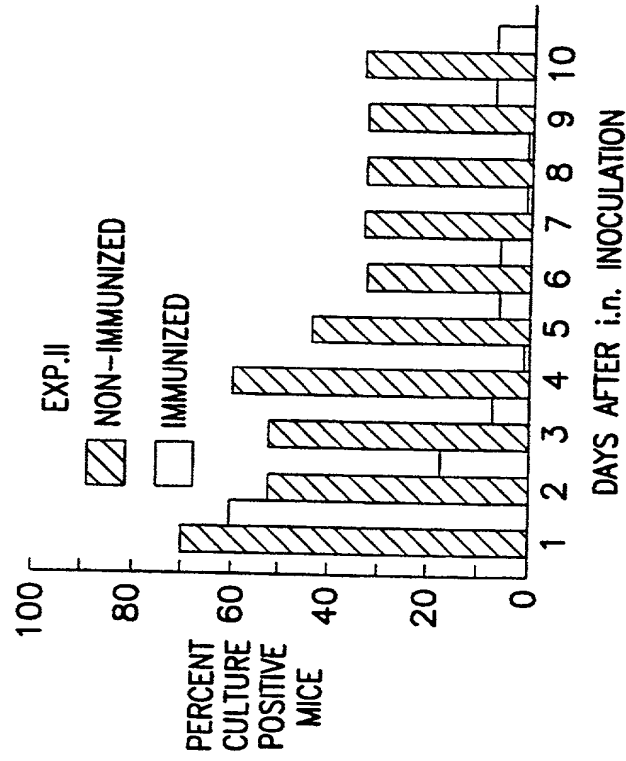


FIG. 10B

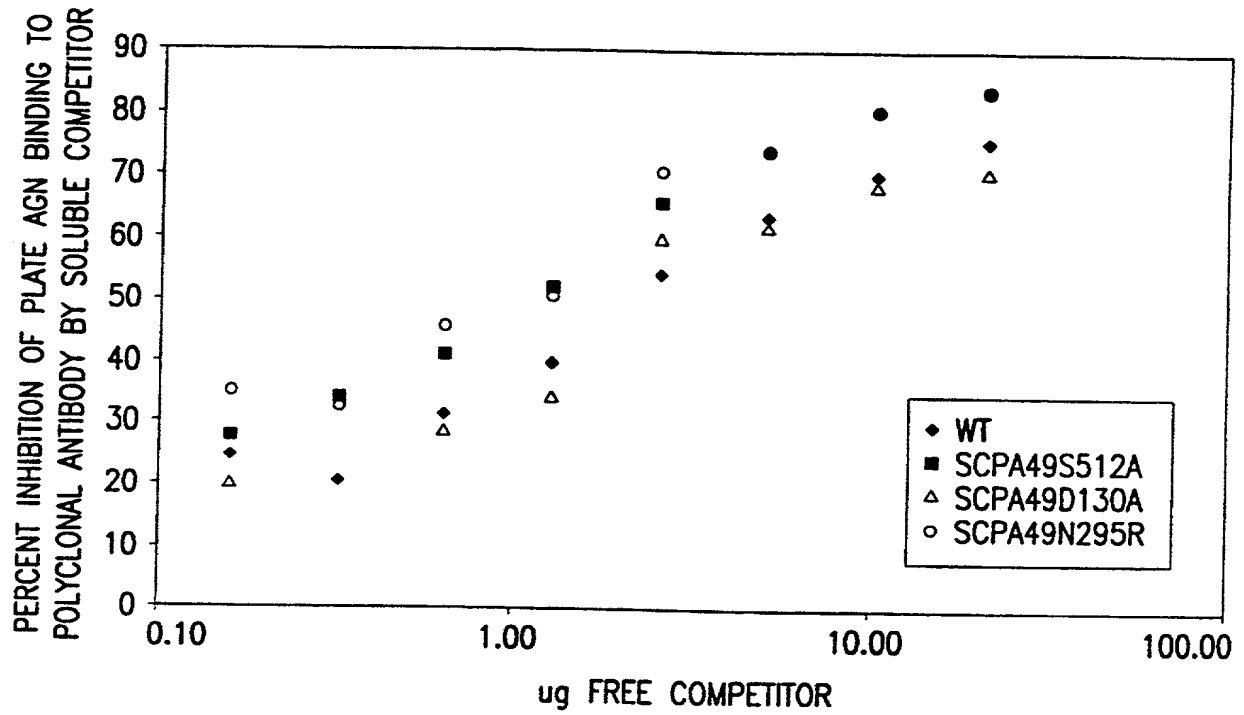


FIG. 11

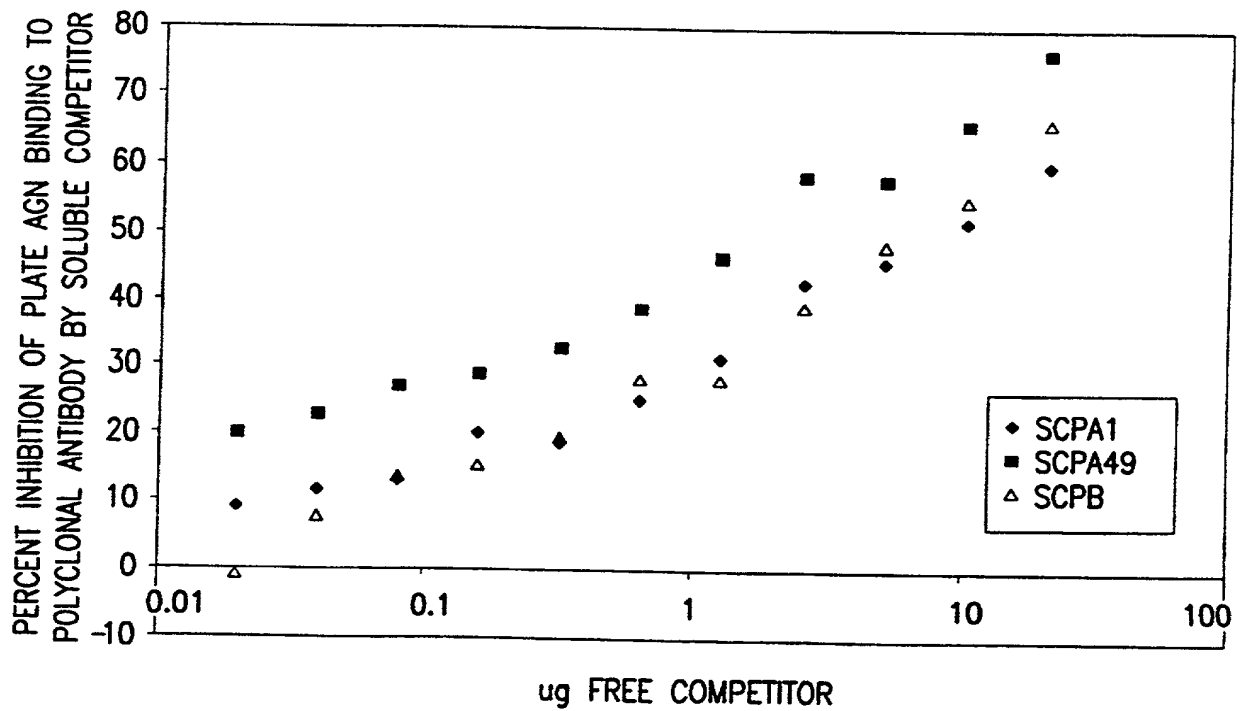


FIG. 12